

**AWARD:** ASSOCIATE OF APPLIED SCIENCES DEGREE  
**MAJOR:** EMERGENCY MEDICAL SERVICES (146)

The associate of applied sciences degree program with a major in Emergency Medical Services is designed to develop the knowledge base and skill required to prepare the student to function as an “entry-level” Paramedic. Successful performance in this program qualifies the student to take the Paramedic exam.

**PROGRAM REQUIREMENT:** Purchase of a clinical scheduling and skills tracking account through FISDAP.net (\$80) is required.

**ACCREDITATION:** The EMS program at LFCC is fully accredited by the Virginia Office of EMS.

**ADMISSION REQUIREMENT:**

1. Attend a mandatory EMS orientation session prior to start of fall semester
2. Be at least 18 at start of program
3. Meet the requirements listed in the Virginia Office of Emergency Medical Service document *Prerequisites for EMS training Programs, Criminal History and Standards of Conduct*
4. High school graduate or GED
5. Satisfy admission requirements for LFCC
6. Current Virginia or National Registry EMT certification or higher (must remain current for duration of program)
7. Current Healthcare Provider CPR Certification or other CPR card accepted by the Commonwealth of VA Office of EMS (must remain current for duration of program)
8. No physical limitations rendering the student unfit to perform all required duties
9. Satisfy the job requirement duties for EMT as set out in the Mid-Atlantic EMS Council Job Description for EMT
10. To complete the Clinical and Field Internship portions of the program, submit results of a physical exam completed within the last 12 months as proof of immunizations or resistance to measles, mumps, rubella, Tdap, polio, Hepatitis B vaccination, and TB skin test within the last 12 months. If PPD is positive, submit results of chest x-ray showing negative for active TB.
11. LFCC placement tests and completion of any developmental work that may be identified by the placement test. Must show competency in MTE 1-3 and ENG 111 to satisfy requirements without taking remediation.

**CURRICULUM**

| Course No.                      | Title  | Credit(s) |
|---------------------------------|--|-----------|
| <b>Prior to First Semester</b>  |  |           |
| EMS 111                         | Emergency Medical Technician Basic                                 | 7         |
| EMS 120                         | EMT – Basic Clinical   | 1         |
| BIO 145                         | Human Anatomy & Physiology for the Health Sciences <sup>1</sup>    | 4         |
| SDV 101/100                     | Orientation to Health Professions <b>OR</b> College Success Skills | 1         |
|                                 | <b>Total</b>   | <b>13</b> |
| <b>First Semester (Fall)</b>    |  |           |
| EMS 151                         | Intro to Advanced Life Support                                     | 4         |
| EMS 152                         | Advanced Medical Care  | 2         |
| EMS 153                         | Basic ECG Recognition  | 2         |
| EMS 170                         | ALS Internship   | 1         |
| ENG 111                         | College Composition I  | 3         |
|                                 | <b>Total</b>   | <b>12</b> |
| <b>Second Semester (Spring)</b> |  |           |
| EMS 154                         | ALS Cardiac Care   | 2         |
| EMS 157                         | ALS – Trauma Care  | 3         |
| EMS 159                         | EMT Special Populations  | 3         |
| EMS 172                         | ALS Clinical Internship II   | 1         |
| EMS 173                         | ALS Field Internship II  | 1         |
| ITE 115                         | Introduction to Computer Applications and Concepts <sup>2</sup>    | 3         |
|                                 | <b>Total</b>   | <b>13</b> |

|                                 |  |           |
|---------------------------------|--|-----------|
| <b>Third Semester (Fall)</b>    |  |           |
| EMS 201                         | EMS Professional Development                   | 3         |
| EMS 209                         | Advanced Pharmacology                          | 4         |
| EMS 211                         | EMS Operations                                 | 2         |
| EMS 242                         | ALS Clinical Internship III                    | 1         |
| EMS 243                         | ALS Field Internship III                       | 1         |
|                                 | Social Science Elective <sup>3</sup>           | 3         |
|                                 | <b>Total</b>                                   | <b>14</b> |
| <b>Fourth Semester (Spring)</b> |  |           |
| EMS 205                         | Advanced Pathophysiology                       | 4         |
| EMS 207                         | Advanced Patient Assessment                    | 3         |
| EMS 244                         | ALS Clinical Internship IV                     | 1         |
| EMS 245                         | ALS Field Internship IV                        | 1         |
|                                 | Humanities Elective <sup>4</sup>               | 3         |
|                                 | Health <b>OR</b> Phys Ed Elective <sup>5</sup> | 1         |
|                                 | <b>Total</b>                                   | <b>13</b> |
|                                 | <b>PROGRAM TOTAL</b>                           | <b>65</b> |

1. Student must complete BIO 145 or an equivalent (college level A&P with laboratory) prior to enrolling in the 200 level EMS courses (i.e. Paramedic).
2. Students can also meet this requirement by passing the College's computer competency exam that is administered through the testing center.
3. Recommended electives are courses with the following prefixes: ECO, HIS, PLS, PYS, SOC
4. Recommended electives are courses with the following prefixes: ENG, HIS and any language
5. Can be met with any course with a HLT or PED prefix.

**AREA: RN TO PARAMEDIC BRIDGE**

This RN to Paramedic bridge curriculum does not involve a certificate or degree and is non-transferrable.

**CURRICULUM**

| Course No.             | Title                        | Credit(s) |
|------------------------|------------------------------|-----------|
| <b>First Semester</b>  |                              |           |
| EMS 201                | EMS Professional Development | 3         |
| EMS 211                | EMS Operations               | 2         |
| EMS 242                | ALS Clinical Internship III  | 1         |
| EMS 243                | ALS Field Internship III     | 1         |
|                        | <b>Total</b>                 | <b>7</b>  |
| <b>Second Semester</b> |                              |           |
| EMS 207                | Advanced Patient Assessment  | 3         |
| EMS 244                | ALS Clinical Internship IV   | 1         |
| EMS 243                | ALS Field Internship IV      | 1         |
|                        | <b>Total</b>                 | <b>5</b>  |
|                        | <b>PROGRAM TOTAL</b>         | <b>12</b> |